

## PARALLAXES AND PROPER MOTIONS OF PROTOTYPES OF ASTROPHYSICALLY INTERESTING CLASSES OF STARS

V. TRIMBLE <sup>1,2</sup>, G.H. HERBIG <sup>3</sup>, A. KUNDU <sup>2,4</sup>

<sup>1</sup> *Physics Dept., Univ. of California, Irvine CA 92697 USA*

<sup>2</sup> *Astronomy Dept., Univ. of Maryland, College Park MD 20742 USA*

<sup>3</sup> *Inst. for Astronomy, Univ. of Hawaii, Honolulu HI 96822 USA*

<sup>4</sup> *Space Telescope Science Institute, Baltimore MD 21218*

Early release data were obtained under the 1982 announcement of opportunity for about two dozen stars belonging to seven classes whose basic properties or evolutionary status were uncertain at the time. A good many remain so. Many of the stars were too faint and far for parallaxes to be statistically significant, though many of the proper motions are. Two papers presenting the data have been accepted by archival journals (Trimble and Kundu 1997, 1998). Both bear the same title as this abstract. The first deals with the R Coronae Borealis variables, the second with the other six classes (FK Comae Stars, CVs, runaway T Tauri stars, and so forth).

### References

- Trimble, V. & Kundu, A. 1997. PASP (in press, October)  
Trimble, V. & Kundu, A. 1998. AJ (in press, probably January)